

Colin Rhys

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Software Developer with a track record of success working on projects for Fortune 500 firms and smaller boutique firms. I chose a career in the tech field because it constantly evolves, and as a developer, I have the unique opportunity to continuously learn and bring my creative thinking skills to bear on thorny problems. My passion for coding began in college where I earned my degree in Economics after I learned I could create my own Python scripts to test stock trading ideas.

Technical Skills

- Languages: Rust, Typescript, JavaScript, C#, Java, Python, Go
- Frameworks: Actix-web, Anchor, Node.js, Next.js, Rocket, Dropwizard, Spring Boot, Django, Flask, .NET Core
- Front-End: React, Vue.js, Bootstrap, HTML, CSS, jQuery, Thymeleaf, Yew.rs
- Databases: SQL, PostgreSQL, MongoDB, Firebase
- Other: Docker, Kubernetes, Diesel ORM, Auth0, Git, GitHub, Linux, VIM, Microsoft Azure, AWS, Ivanti, Jira, Asana, Figma, Bloomberg Terminal, WordPress, Gradle, Google Search Console, Azure App Services, Azure SQL, Azure Storage, Mockito, Prisma, TailwindCSS

Projects

- Anchor Message Payment: Anchor Message Payment is an application built with Next.js, TypeScript, and React that integrates with the Solana blockchain. It allows users to create accounts where others can send messages with attached SOL (Solana tokens). Users can mark messages as "read" to claim 85% of the attached SOL, with the remaining 15% as a fee paid to a predefined keypair owned by the app's administrator.
- Bad Email Crate: I created a cargo crate that takes in an email as a variable and then compares the email domain to a list of over 10,000 known disposable emails. The crate has over five hundred downloads and a contribution from someone other than myself online.

Work Experience

- Private Contract, Remote, Senior Developer, March 2023 to Current, Contract
 - Backend Development: Architecting and implementing robust backend services using Rust with the Actix-Web framework, leveraging Diesel as the ORM for efficient database operations with a PostgreSQL database.
 - Frontend Development: Designing and constructing the user interface with React, ensuring a responsive and intuitive user experience.
 - Authentication and Payment Integration: Integrating Auth0 to manage user

authentication securely and Stripe to process payments, facilitating a seamless and secure transactional flow.

- Deployment and Orchestration: Hosting the application on Digital Ocean within a Dockerized environment. I am responsible for the containerization of the three core services and managing their orchestration with Kubernetes, ensuring high availability and scalability of the web services.
- Node40, Remote, Backend Developer, April 2021 to January 2023, Fulltime
 - Was the first hire to work with the one other backend developer.
 - Improved legacy code base, added new features and functionality to existing code, and built a new API almost exclusively Java12.
 - Worked with third-party APIs and worked on a wide variety of user issues associated with different 3rd party APIs and cryptocurrency exchanges.
 - Built many integrations for 3rd party cryptocurrency exchanges.
 - Helped design in the integration process with the on-shore and off-shore teams.
- Private Contract, Remote, Consulting Manager, November 2020 to April 2021, Consulting
 - Two separate contracts
 - First
 - Manage the development team for a well-established digital design agency located in Chicago.
 - Additionally, work on creating processes for the development team to increase efficiency and profitability.
 - Work directly with multiple departments and stakeholders.
 - Second
 - Developed Docker container to run fintech Java stack in Tomcat for deployment into Kubernetes.
 - Worked with Java unit and integration tests demonstrating the functionality of fintech backend code.
 - Worked with Python and Java codebase prototyping API integration for account enrichment.
- Kirkland and Ellis LLP, Chicago, Illinois, Application Engineer, December 2019 to June 2020, Fulltime
 - Hired full-time as key to achieving success with a mission-critical project for Kirkland Ellis; only employee of Theron approached to become a Kirkland employee.
 - I continued to work on the same project firm-wide C# .net Core project I was initially working on as a Theron employee, in addition to other firm-wide projects using other technologies.
 - Served on a team developing an additional firm-wide application using the same third-party software, working collaboratively to define key processes and establish procedures.
 - Consulted with end users, project stakeholders, and directors to determine project requirements, find efficiencies, problem-solve, and establish timelines.

- Theron Technology Solutions, Chicago, Illinois, Developer, January 2019 to December 2019, Contract
 - Consultant for Theron on a Kirkland and Ellis firm-wide C# .net core project.
 - Sole developer resource on the Theron team for a key Kirkland and Ellis project.
 - Worked directly with client-side project managers, developers, end users, and directors on the project to ensure user requirements were met or exceeded.

Education

- University of Tampa, Summer 2015, B.A. Economics

Licenses

- Series 3, Expired